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| APPLICATION NO. | FILING DATE | FIRST NAMED INVENTOR | ATTORNEY DOCKET NO. | CONFIRMATION NO. |
|-----------------|-------------|----------------------|---------------------|------------------|
| 09/422,565 | 10/21/1999 | MEGUMI YOSHIDA | 35.G2473 | 5702 |

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EXAMINER

TRAN, MYLINH T

| ART UNIT | PAPER NUMBER |
|----------|--------------|
| 2173 | |

DATE MAILED: 01/31/2002

Please find below and/or attached an Office communication concerning this application or proceeding.

NM

| | | | |
|------------------------------|-----------------|----------------|--|
| Office Action Summary | Application No. | Applicant(s) | |
| | 09/422,565 | MEGUMI YOSHIDA | |
| | Examiner | Art Unit | |
| | Mylinh T Tran | 2173 | |

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133).
- Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

1) Responsive to communication(s) filed on 21 October 1999.

2a) This action is **FINAL**. 2b) This action is non-final.

3) Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

4) Claim(s) 1-42 is/are pending in the application.

4a) Of the above claim(s) _____ is/are withdrawn from consideration.

5) Claim(s) _____ is/are allowed.

6) Claim(s) 1-42 is/are rejected.

7) Claim(s) _____ is/are objected to.

8) Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

9) The specification is objected to by the Examiner.

10) The drawing(s) filed on _____ is/are: a) accepted or b) objected to by the Examiner.

Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).

11) The proposed drawing correction filed on _____ is: a) approved b) disapproved by the Examiner.

If approved, corrected drawings are required in reply to this Office action.

12) The oath or declaration is objected to by the Examiner.

Priority under 35 U.S.C. §§ 119 and 120

13) Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).

a) All b) Some * c) None of:

1. Certified copies of the priority documents have been received.
2. Certified copies of the priority documents have been received in Application No. _____.
3. Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

* See the attached detailed Office action for a list of the certified copies not received.

14) Acknowledgment is made of a claim for domestic priority under 35 U.S.C. § 119(e) (to a provisional application).

a) The translation of the foreign language provisional application has been received.

15) Acknowledgment is made of a claim for domestic priority under 35 U.S.C. §§ 120 and/or 121.

Attachment(s)

1) Notice of References Cited (PTO-892)

2) Notice of Draftsperson's Patent Drawing Review (PTO-948)

3) Information Disclosure Statement(s) (PTO-1449) Paper No(s) _____.

4) Interview Summary (PTO-413) Paper No(s) _____.

5) Notice of Informal Patent Application (PTO-152)

6) Other: _____.

DETAILED ACTION

Specification

Applicant is reminded of the proper language and format for an abstract of the disclosure.

The abstract should be in narrative form and generally limited to a single paragraph on a separate sheet within the range of 50 to 150 words. It is important that the abstract not exceed 150 words in length since the space provided for the abstract on the computer tape used by the printer is limited. The form and legal phraseology often used in patent claims, such as "means" and "said," should be avoided. The abstract should describe the disclosure sufficiently to assist readers in deciding whether there is a need for consulting the full patent text for details.

The language should be clear and concise and should not repeat information given in the title. It should avoid using phrases which can be implied, such as, "The disclosure concerns," "The disclosure defined by this invention," "The disclosure describes," etc.

On line 2, "or the like" should be deleted.

Claim Rejections - 35 USC § 103

The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

Claims 1-42 are rejected under 35 U.S.C. 103(a) as being unpatentable over Salm et al. [US. 5,991,396] in view of Ohkado [US. 5,717,426].

As to claim 1, 20 and 41, Salm et al. discloses allowing a character string to be selected from among the displayed character strings and causing the selected character string to be displayed at a position pointed by a cursor. Salm et al. cites ...a method of selecting characters from a group of characters assigned to a single key...invokes a cursor controlled display of the characters...the cursor is help at a particular position... see the

abstract and column 7, lines 60 through column 8, lines 15. The difference between the claim and Salm et al. is causing the selected character string to be displayed at a position pointed by a cursor. Ohkado shows the selected character string to be displayed at a position pointed by a cursor. Ohkado cites.....displaying a cursor at a predetermined position in a numeric string... It would have been obvious to one of ordinary skill in the art, having the teachings of Salm et al. and Ohkado before them at the time the invention was made to modify the selected character string taught by Salm et al. to include the position pointed by a cursor of Ohkado, in order to provide a cursor in a numeric entry field which includes the step of displaying a cursor for numeric string replacement at a predetermined cursor position in a numeric as taught by Ohkado.

As to claims 2 and 21, Salm et al. also discloses the selection of the character string is achieved by an instruction which designates a position in a region in which the character string to be selected is displayed (column 5, lines 55 through column 6, lines 17).

As to claims 3, 4, 22 and 23 Salm et al. teaches the at-a-glance display of the character strings is performed on a soft keyboard display screen (column 5, lines 42-53). as previously discuss with respect to claims 2 and 3.

As to claims 5 and 24, Salm et al. shows the at-a-glance display of the character strings is displayed in place of the soft keyboard display screen, in response to said instruction (column 5, lines 33 through column 6, lines 16).

As to claims 6 and 25 Salm et al. also shows the plurality of character strings have been registered through an operation performed by the user (column 5, lines 33054).

As to claims 7 and 26, Salm et al. demonstrates the selected character string is input to a display screen which is displayed to enable entry of a character string to be added to image information (column 7, lines 48 through column 8, lines 16).

As to claim 8, Salm et al. also demonstrates the at-a-glance display of the registered character strings is performed on a display screen which is displayed to enable entry of a character string to be added to image information (column 8, lines 1-28).

As to claims 9,10, 28 and 29, Salm et al. discloses the selected character string is input to a display screen which is displayed to enable entry of a character string designating a destination to which information is to be sent (column 6, lines 17-48).

As to claims 11 and 30, Salm et al. also discloses the at-a-glance display of the registered character strings is implemented on an operation panel of a copying machine (column 9, lines 18-39).

As to claims 12 and 31, Salm et al. teaches the selected character string is output by means of a printer (column 9, lines 61 through column 10, lines 12).

As to claims 13 and 32, Salm et al. also teaches instruction is given through a touch panel (column 5, lines 17-54).

As to claims 14 and 33, Salm et al. shows the instruction is given through a digitizer (column 8, lines 29-67).

As to claims 15 and 34, Salm et al. also shows the instruction is given through a coordinate input device (column 2, lines 65 through column 3, lines 19).

As to claim 16, the claim is analyzed as previous discuss with respect to claim 1 except for receiving an editorial instruction indicating an editorial work to be effected on the selected character string; effecting the editorial work in accordance with the editorial instruction on the selected character string; and updating the registered character

strings in accordance with the result of the editorial work. Ohkado shows receiving an editorial instruction indicating an editorial work to be effected on the selected character string (see abstract), effecting the editorial work in accordance with the editorial instruction on the selected character string (column 4, lines 45 through column 5, lines 7) and updating the registered character strings in accordance with the result of the editorial work (column 5, lines 24-58).

As to claims 17, 18, 36 and 37, Ohkado also shows the editorial instruction is to add and delete a character (column 9, lines 10-46).

As to claims 19 and 38, Salm et al. demonstrates the editorial instruction is input through a displayed soft keyboard (column 5, lines 42-53).

As to claim 27, Salm et al. also demonstrates the at-a-glance displaying means displays on a display screen to enable entry of a character string to be added to image information (column 7, lines 48 through column 8, lines 16).

As to claim 35, the claim is analyzed as previously discuss with respect to claims 1 and 16, except for inputting means for enabling input of an editorial instruction indicating an editorial work to be effected on the selected character string. Salm et al. shows the inputting means on column 5, lines 42-53.

As to claims 39 and 40, Ohkado discloses update performed by said updating means includes addition (and deletion) of a character string (column 9, lines 10-46).

As to claim 42, the claim is analyzed as previously discuss with respect to claim 1 and 16.

Conclusion

Responses to this action should be mailed to: Commissioner of Patents and Trademarks, Washington, D.C. 20231. If applicant desires fax a response, (703) 746-

7238, may be used for formal After Final communications, (703) 746-7239 for Official communications, or (703) 746-4395 for Non-Official or draft communications. NOTE, A Request for Continuation (Rule 60 or 62) cannot be faxed.

Please label "PROPOSED" or "DRAFT" for information facsimile communications. For after final responses, please label "AFTER FINAL" or "EXPEDITED PROCEDURE" on the document.

Hand-delivered responses should be brought to Crystal Park II, 2121 Crystal Drive, Arlington, VA., Sixth Floor (Receptionist).

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Mylinh Tran whose telephone number is (703) 308-1304. The examiner can normally be reached on Monday-Friday from 8.00AM to 4.30PM

If attempt to reach the examiner by telephone are unsuccessful, the examiner 's supervisor, John Cabeca, can be reached on (703) 308-3116,

All Internet e-mail communications will be made of record in the application file. PTO employees do not engage in Internet communications where there exists a possibility that sensitive information could be identified or exchanged unless the record includes a properly signed express waiver of the confidentiality requirements of 35 U.S.C. 122. This is more clearly set forth in the Interim Internet Usage Policy published in the Official Gazette of the Patent and Trademark on February 25, 1997 at 1195 OG 89.

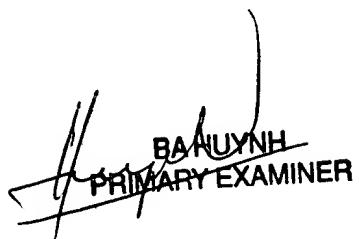
Any inquiry of a general nature or relating to the status of this application or proceeding should be directed to the Group receptionist whose telephone number is (703) 305-3800.

Application/Control Number: 09/422,565
Art Unit: 2173

Page 6

Mylinh Tran

Art Unit 2173


BAIUXNH
PRIMARY EXAMINER